

**REMARKS/ARGUMENT**

This Preliminary Amendment is being submitted to change the multiple dependent claims to single dependent claims in order to eliminate the improper multiple dependent claims and to place the claims in better form for U.S. practice.

**EXPRESS MAIL CERTIFICATE**

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Signature

March 8, 2002

Date of Signature

Respectfully submitted,



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**APPENDIX A**  
**"CLEAN" VERSION OF EACH PARAGRAPH/SECTION/CLAIM**  
**37 C.F.R. § 1.121(b)(ii) AND (c)(i)**

**CLAIMS (with indication of amended or new):**

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(Amended) 5. A dielectric resonant device according to Claim 3, wherein a film of silver is disposed on the surface of the screws.

a) (Amended) 6. A dielectric resonant device according to Claim 3, wherein the dielectric core in the cavity is formed integrally therewith with two dielectric columns disposed perpendicular to each other so as to form a cross; the cross-section of sidewalls of the cavity, parallel to the open face of the cavity, is substantially uniform; the two dielectric columns are each provided with concavities formed in the sidewalls of the cavity and extending along the axis of the dielectric column; some of the screws are disposed inside the concavities and outside the cavity; and the other screws which are not inside the concavities are disposed inside the cavity.

(Amended) 7. A filter comprising:  
a dielectric resonant device according to Claim 1,  
wherein the conductive panel is provided with input-output loops.

(Amended) 8. A duplexer comprising:  
filters according to Claim 7,  
wherein either the input-output loops coupling with resonant modes in two resonant regions among a plurality of resonant regions of the cavities containing the dielectric cores or electrodes coupling with the input-output loops are led to the outside as input-output units for a common antenna.

(Amended) 9. A communication apparatus comprising:  
a filter according to Claim 7 or a duplexer according to Claim 8.

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(New) 10. A dielectric resonant device according to Claim 4, wherein a film of silver is disposed on the surface of the screws.

a<sup>2</sup> (New) 11. A dielectric resonant device according to Claim 4, wherein the dielectric core in the cavity is formed integrally therewith with two dielectric columns disposed perpendicular to each other so as to form a cross; the cross-section of sidewalls of the cavity, parallel to the open face of the cavity, is substantially uniform; the two dielectric columns are each provided with concavities formed in the sidewalls of the cavity and extending along the axis of the dielectric column; some of the screws are disposed inside the concavities and outside the cavity; and the other screws which are not inside the concavities are disposed inside the cavity.

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**APPENDIX B**  
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**  
**37 C.F.R. § 1.121(b)(iii) AND (c)(ii)**

**CLAIMS:**

5. A dielectric resonant device according to Claim 3 [or 4], wherein a film of silver is disposed on the surface of the screws.

6. A dielectric resonant device according to [one of Claims 3 and 4] Claim 3, wherein the dielectric core in the cavity is formed integrally therewith with two dielectric columns disposed perpendicular to each other so as to form a cross; the cross-section of sidewalls of the cavity, parallel to the open face of the cavity, is substantially uniform; the two dielectric columns are each provided with concavities formed in the sidewalls of the cavity and extending along the axis of the dielectric column; some of the screws are disposed inside the concavities and outside the cavity; and the other screws which are not inside the concavities are disposed inside the cavity.

7. A filter comprising:

a dielectric resonant device according to [one of Claims 1 to 5] Claim 1,  
wherein the conductive panel is provided with input-output loops.

8. A duplexer comprising:

filters according to Claim [6] 7,  
wherein either the input-output loops coupling with resonant modes in two resonant regions among a plurality of resonant regions of the cavities containing the dielectric cores or electrodes coupling with the input-output loops are led to the outside as input-output units for a common antenna.

9. A communication apparatus comprising:

a filter according to Claim [6] 7 or a duplexer according to Claim [7] 8.